



**1973**  
**VOLUME SEVEN**  
**INDEX**

**Published by**

**William C. Fitt  
Post Office Box 286  
Cadillac, Michigan 49601**

**COPYRIGHT © LIVE STEAM Magazine 1973.**  
All rights reserved. This magazine or parts thereof  
may not be reproduced in any form without  
permission in writing from the publisher.

All material is cross-indexed according to Title,  
Subject, Author and Photo in the following  
manner:

**SUBJECT**

**Title**

**AUTHOR**

**Photo**

# Live Steam

<b>AH&amp;D Donkey Engine</b>	Nov. 21	Balmer, Charles	Aug. 23	Bush, Walter	Oct. 23
<b>ACHQR, L. BRUCE</b>		<b>Bandiwallup Railroad</b>	Mar. 10	<b>BUYSE, ADRIAN</b>	
Obituary		<b>BANDY, LOU</b>		<b>Super Hudsons</b>	Feb. 12, Mar. 11, Apr. 14
Addison, Bill		<b>Suffers Heart Attack</b>		Photo	Feb. 12
<b>AIR</b>		Photo	Jan. 19	Burla, Dave	Nov. 24
<b>When There Is No Compressor</b>		Barltrop, Reg	Sept. 21		
<b>ALKIRE, I. DOUGLAS</b>	Sept. 22	Barnfather, Brenton	Dec. 24		
Coal Facts	Oct. 24	<b>BARNFATHER, BRENTON</b>	Jan. 5, 10		
Locomotive and Car Handling		Photo			
Dolly		<b>BLS Secretary Report</b>			
Photo		Photo	Aug. 11	<b>CABOOSE</b>	Mar. 4
<b>... Times Velocity Squared</b>		<b>BLS Secretary Report</b>	Aug. 25	<b>Let's Build A Caboose</b>	Apr. 10
Allen, Gene		Photo	Oct. 24	<b>Let's Build Another Caboose</b>	
<b>ALLEN, WALTER H.</b>	Jan. 19	<b>BARR, AUSTIN F., JR.</b>		<b>CAGNEYS AND OTTAWAYS</b>	
<b>LIVE STEAM Magazine Award</b>		<b>BLS Secretary Report</b>	July 24, Nov. 26	3rd Annual Meet	June 19
Photo		Photo	Aug. 11, Sept. 21, 21	Little Tuesday Railroad	Sept. 8
<b>ALLEY, RICHARD</b>		<b>BARR, AUSTIN F., JR.</b>		Cain, Robert	Sept. 21
<b>FLL S Gold Spike Ceremony</b>		<b>BARR, AUSTIN F., JR.</b>		<b>CALDWELL INDUSTRIES</b>	
<b>An 1800# Toy</b>	Dec. 23	<b>BARR, AUSTIN F., JR.</b>		Steam Engines by the Thousands	Feb. 24
Anderson, Robert (Case)	June 10	<b>BARR, AUSTIN F., JR.</b>		<b>CALLIOPE</b>	
Anderson, Virgil	Mar. 19	<b>BARR, AUSTIN F., JR.</b>		The Calliope	Sept. 12
<b>ANDRES, R. WILLIAM</b>	June 10	<b>BARR, AUSTIN F., JR.</b>		Car Handling Dolly	Aug. 6
<b>Building a 4" Scale Case Traction</b>		<b>BARR, AUSTIN F., JR.</b>		<b>CASE TRACTION ENGINE</b>	
Engine		<b>BARR, AUSTIN F., JR.</b>		(See ANDRES, R. WILLIAM)	
Part 1		<b>BARR, AUSTIN F., JR.</b>		Cassady, John (4-4-2)	May 20
Part 2		<b>BARR, AUSTIN F., JR.</b>		<b>CASSADY, JOHN</b>	
Part 3		<b>BARR, AUSTIN F., JR.</b>		<b>Florida Spring Meet</b>	July 22
Part 4		<b>BARR, AUSTIN F., JR.</b>		<b>CASTLEDARE MINIATURE RAILWAY</b>	
Part 5		<b>BARR, AUSTIN F., JR.</b>		Gold Spike	Aug. 25
Part 6		<b>BARR, AUSTIN F., JR.</b>		Report	Dec. 24
<b>Another Live Steam Club Listed</b>		<b>BARR, AUSTIN F., JR.</b>		<b>Catastrophe Strikes Idaho Short Line</b>	July 25
Armstrong, Robert		<b>BARR, AUSTIN F., JR.</b>		Chapman, Al	Feb. 23, Nov. 27
Arnold, Lou		<b>BARR, AUSTIN F., JR.</b>		Chapton, Dick	Apr. 23
<b>ATHERTON, GORDON</b>		<b>BARR, AUSTIN F., JR.</b>		<b>Check Valve Seats</b>	
<b>T-SLC Traction Meet</b>		<b>BARR, AUSTIN F., JR.</b>		<b>CHITWOOD, PAUL W.</b>	
Atherton, Gordon (Interurban)		<b>BARR, AUSTIN F., JR.</b>		Obituary	
<b>Aull, Jim ("Uncle Charlie")</b>	Sept. 5, 21	<b>BARR, AUSTIN F., JR.</b>		Chmura, Joseph	June 20
<b>Australian Scene</b>	Nov. 8	<b>BARR, AUSTIN F., JR.</b>		Chmura, Tom	Dec. 24
<b>AXLES</b>		<b>BARR, AUSTIN F., JR.</b>		Christiansen, Ronald	Dec. 24
Driving Axles		<b>BARR, AUSTIN F., JR.</b>		<b>CINDER SNIFFERS</b>	
<b>AXLE LOADINGS</b>	Sept. 10	<b>BARR, AUSTIN F., JR.</b>		New Year's Day Run	Mar. 19
LALS Adopts Maximum Axle		<b>BARR, AUSTIN F., JR.</b>		CLAPP, GEORGE R.	
Loadings		<b>BARR, AUSTIN F., JR.</b>		Air - When There Is No	
Bacon, James		<b>BARR, AUSTIN F., JR.</b>		Compressor	
<b>BADGER, LARRY H.</b>		<b>BARR, AUSTIN F., JR.</b>		Drilling Deep Holes - One Way	
<b>SVL Gold Spike Ceremony</b>		<b>BARR, AUSTIN F., JR.</b>		Clerici, Andrea	Jan. 19
<b>BAGLEY, RICHARD</b>	Oct. 23	<b>BARR, AUSTIN F., JR.</b>		Cleveland, William (Invicta)	May 23
Check Valve Seats		<b>BARR, AUSTIN F., JR.</b>		<b>Coal Facts</b>	Apr. 23
Wheels		<b>BARR, AUSTIN F., JR.</b>		<b>COAL</b>	Dec. 23
Copper Tube and Stuff		<b>BARR, AUSTIN F., JR.</b>		Coal Facts	May 10
		<b>BARR, AUSTIN F., JR.</b>		<b>COLBORN, DR. JOHN WESLEY</b>	
		<b>BARR, AUSTIN F., JR.</b>		Obituary	
		<b>BARR, AUSTIN F., JR.</b>		Collins, Rip	Feb. 24
		<b>BARR, AUSTIN F., JR.</b>		<b>COLORADO LIVE STEAMERS</b>	
		<b>BARR, AUSTIN F., JR.</b>		July Meet	Aug. 23
		<b>BARR, AUSTIN F., JR.</b>		Conroy, David	June 18
		<b>BARR, AUSTIN F., JR.</b>		Conroy, Barbara	Dec. 23, 27
		<b>BARR, AUSTIN F., JR.</b>		<b>COOPER, BILL</b>	Dec. 27
		<b>BARR, AUSTIN F., JR.</b>		Obituary	
		<b>BARR, AUSTIN F., JR.</b>		Cooper Tube and Stuff	
		<b>BARR, AUSTIN F., JR.</b>		CORBIN, JOEL L.	
		<b>BARR, AUSTIN F., JR.</b>		Insuring Live Steam Club	
		<b>BARR, AUSTIN F., JR.</b>		Operations	
		<b>BARR, AUSTIN F., JR.</b>		<b>COUNTERBALANCE</b>	
		<b>BARR, AUSTIN F., JR.</b>		The Steam Locomotive	
		<b>BARR, AUSTIN F., JR.</b>		Coventry Drops Castings	
		<b>BARR, AUSTIN F., JR.</b>		<b>COVENTRY, HENRY J.</b>	
		<b>BARR, AUSTIN F., JR.</b>		Drop Castings	
		<b>BARR, AUSTIN F., JR.</b>		Covey, James	June 21
		<b>BARR, AUSTIN F., JR.</b>		<b>COXE, DANIEL</b>	Feb. 22
		<b>BARR, AUSTIN F., JR.</b>		Pioneer Live Steamer	
		<b>BARR, AUSTIN F., JR.</b>		<b>CRAIBE, STU</b>	
		<b>BARR, AUSTIN F., JR.</b>		Stake In The Grass	
		<b>BARR, AUSTIN F., JR.</b>		Crawford, Tom	
		<b>BARR, AUSTIN F., JR.</b>		Credit Where Credit Is Due	
		<b>BARR, AUSTIN F., JR.</b>		<b>CROSSHEADS</b>	
		<b>BARR, AUSTIN F., JR.</b>		The Steam Locomotive	
		<b>BARR, AUSTIN F., JR.</b>		Fact Fundamentals	
		<b>BARR, AUSTIN F., JR.</b>		<b>CROSSHEAD GUIDES</b>	
		<b>BARR, AUSTIN F., JR.</b>		The Steam Locomotive	
		<b>BARR, AUSTIN F., JR.</b>		Fact Fundamentals	
		<b>BARR, AUSTIN F., JR.</b>		<b>CULP RAIL</b>	
		<b>BARR, AUSTIN F., JR.</b>		In New Hands	
		<b>BARR, AUSTIN F., JR.</b>		Cure, Dan	
		<b>BARR, AUSTIN F., JR.</b>		Daddi, Anthony (4-4-2)	
		<b>BARR, AUSTIN F., JR.</b>		<b>DAUGHERTY, CARL R.</b>	
		<b>BARR, AUSTIN F., JR.</b>		Hydraulic Brakes	
		<b>BARR, AUSTIN F., JR.</b>		Part 4	
		<b>BARR, AUSTIN F., JR.</b>		Part 5	
		<b>BARR, AUSTIN F., JR.</b>		Part 6	
		<b>BARR, AUSTIN F., JR.</b>		Obituary	
		<b>BARR, AUSTIN F., JR.</b>			



<b>FINGER LAKES LIVE STEAMERS</b>	
<b>Gold Spike Ceremony</b>	
Fitt, Doris B.	June 19
Fitt, Paul A.	June 19
Fitt, William C.	June 19
Five Year Reprieve for Delta Queen	July 4, 1964
Flat Car From A Kit	July 4, 1964
<b>FLORIDA LIVE STEAMERS</b>	
<b>Fall Meet</b>	
Member List	June 1
New Officers	June 1
Spring Meet	June 1
Fall Meet Announced	June 1
Florida Winter Meet	June 1
<b>for the apprentice</b>	
<b>(See McKENTY, JACK D., M.D.)</b>	
<b>40th ANNIVERSARY MEET</b>	
Francis, Alan	July 14
French, Gordon	Aug. 12
FRESE, ALFRED	Sept. 12
<b>2nd Annual Rockford Meet</b>	
<b>FRIENDS MODELS</b>	
<b>In New Hands</b>	
Fritchman, Sherwood	July 25
<b>FRONTENAC SOCIETY OF MODEL</b>	
<b>ENGINEERS</b>	
<b>Great Steamboat Race</b>	
<b>Scheduled</b>	
<b>FUEL</b>	
<b>Coal Facts</b>	
Gable, Tom (2-6-2)	Jan. 12
Gaia, Herb	Feb. 21
GITTINS, CHRIS	May 14
<b>Operation 11</b>	
Godfrey, William	Oct. 24
<b>Gold Coast Railroad, The</b>	
<b>GOLD SPIKE</b>	
Castledare	Apr. 24
Eugene, Oregon	May 8
<b>Finger Lakes Live Steamers</b>	
Houston, Texas	July 25
<b>Scheduled on Long Island</b>	
Yakima, Washington	July 20
<b>GOLDEN GATE LIVE STEAMERS</b>	
<b>Annual Spring Meet</b>	
<b>Fall Meet</b>	
<b>New Officers</b>	
Vic Shattock and the GGLS	Jan. 5, 10, Aug. 11
<b>Good Ways of Stopping</b>	
<b>Hydraulic Brakes</b>	
Part 4	Feb. 23
Part 5	Nov. 21
Part 6	Mar. 21
Gracy, Norman	Nov. 23
GRAHAM, KEN	May 23
<b>Weed Control</b>	
<b>GRAHAM COUNTY RAILROAD</b>	
<b>Bear Creek Reactivated</b>	
Grant, Ross (Shay)	June 20, Oct. 23
GRAY, JOHNNIE	Oct. 26
<b>M-SLS 6th Annual Meet</b>	
Gray, Nelson W.	Apr. 12
<b>GREAT STEAMBOAT RACE</b>	
<b>Completed</b>	
<b>In Pictures</b>	
<b>Scheduled</b>	
Guiberson, Alan (4-6-0)	July 25
Guiberson, Alan (Wankle)	Aug. 6
Haar, Paul	Feb. 21
Haines, John	Apr. 23
<b>HAMILTON, EARL</b>	
<b>Restores 3-Foot Gauge Porter</b>	
<b>Hand-Made Hand Cleaner</b>	
Hannum, John	Oct. 20
Hannum, Robert	May 8
HARDING, J. W.	Dec. 1
<b>The Steam Locomotive</b>	
<b>Back End of Rod</b>	
<b>Counterbalance</b>	
<b>Crosshead Guides</b>	
<b>Crossheads</b>	
<b>Driving Axle</b>	
<b>Driving Box Shoe and Wedge</b>	
<b>Driving Wheels</b>	
<b>Main Rods</b>	
Piston	Feb. 23
Roller Bearings	Oct. 24
Side Rods	Oct. 25
Tires	Dec. 23
<b>FACT FUNDamentals</b>	
Smoke Stacks	May 14
Hodges Trailing Truck	July 8
Pilots	Sept. 17
Crossheads	Oct. 16
Bells	Dec. 16
Fairlie, Matt	Jan. 6
<b>Fascinating Unbalance</b>	
Fenton, Dean	Apr. 4
Fick, Milt (2-8-2)	Sept. 21
Fick, Milt (2-8-2)	June 18

Dec. 23			
Jan. 9			
Oct. 25			
Jan. 5			
Oct. 26			
4, Sept. 22	<b>Harry Dixon Honored by GGGS</b>	June 20	
	<b>HARTER, ISAAC III</b>		
	<b>Susan Gail — Part 1</b>		
May 20	Harvey, Harry ("Grasshopper")	Dec. 12	
May 20	Hazelmyer, Walter	Nov. 25	
June 20	Heller, Jeff	Feb. 23	
July 22	<b>HENCHAR, JOHN R., JR.</b>	Nov. 24	
Oct. 27	<b>PVLS Always on Sunday</b>	Nov. 23	
Dec. 26	<b>Hernia Prevention Society</b>	Mar. 21	
	<b>HILL, GEORGE</b>		
	<b>Small Stop Valves</b>		
Jan. 4	<b>HIRAOKA, KOZO</b>	July 6	
Dec. 23	<b>Credit Where Credit Is Due</b>		
Nov. 24	<b>Fascinating Unbalance</b>		
	<b>Photo</b>		
Feb. 22	<b>Hobby Supplies In New Hands</b>	May 22	
	<b>Hodges Trailing Truck</b>	Apr. 4	
	<b>Hornsby, Robert</b>	Apr. 4	
Mar. 20	<b>Hosmer, Dick</b>	Mar. 20	
Jan. 10	<b>Hospers, Harry (4-6-4)</b>	July 8	
	<b>HOUSTON LIVE STEAMERS</b>	Oct. 23	
	<b>Gold Spike</b>	Feb. 4, 22	
Apr. 20	<b>How Sharp? (See Feb. 1974)</b>	Dec. 23	
	<b>HUARD, ROGER</b>	Feb. 21	
May 10	<b>Obituary</b>	Dec. 27	
	<b>HUDSONS</b>	Mar. 20	
Mar. 19	<b>The Bigger Hudson</b>	Feb. 1, 4	
Sept. 1	<b>Super Hudsons</b>	Feb. 12, Mar. 11, Apr. 14	
	<b>Hughes, David</b>	Aug. 22	
June 6	<b>Hughes, Heidi</b>	Aug. 22	
Feb. 9	<b>Hughes, Jeff</b>	Aug. 22	
Feb. 8	<b>Humphrey, Dick</b>	May 21	
	<b>Hydraulic Brakes — Part 4</b>	Jan. 11	
	<b>Part 5</b>	Feb. 11	
	<b>Part 6</b>	Mar. 16	
Aug. 25			
Feb. 21			
Dec. 23			
Feb. 21	<b>ICS Course</b>		
	<b>(See HARDING, J. W.)</b>		
Feb. 21	<b>Ilif, Donald</b>	May 6	
	<b>ILLINOIS LIVE STEAMERS</b>		
	<b>Scheduling 1975 BLS Meet</b>	June 21	
	<b>INDICATOR</b>		
	<b>Using a Steam Indicator</b>		
	<b>Part 1</b>	Mar. 8	
Mar. 20	<b>Part 2</b>	June 4	
Dec. 6		Oct. 18	
	<b>Inflation and the Live Steam Hobby</b>		
	<b>INLAND EMPIRE LIVE STEAMERS</b>		
	<b>Back In Operation</b>	Nov. 27	
	<b>Catastrophe Strikes</b>	July 25	
	<b>Spring Activities</b>	Oct. 24	
	<b>Summer Activities</b>	Feb. 23	
Jan. 11			
Feb. 11	<b>Insuring Live Steam Club</b>		
	<b>Operations</b>	Sept. 11	
		May 23	
Mar. 16	<b>Interim Report — BLS Standards</b>		
July 23			
	<b>INTERURBANS</b>		
	<b>Kalamazoo Meet</b>	Dec. 23	
	<b>Traction Meet</b>	Oct. 25	
Sept. 20			
Dec. 23	<b>IOWA MODEL STEAM ENGINEERS</b>		
	<b>Summer Activity</b>	Mar. 18	
Nov. 26			
Dec. 27	<b>ISAACSON, BAINE</b>		
	<b>Obituary</b>	Apr. 24	
Apr. 20			
Jan. 13	<b>Janssen, Curtis</b>	Apr. 23	
Jan. 13	<b>Jeidinger, Mrs. John</b>	Feb. 22	
	<b>Jennings, Willie</b>	May 21, July 22	
Mar. 19			
Nov. 24	<b>Jenny</b>	Jan. 14	
	<b>Johnson, Clyde</b>	Apr. 23	
	<b>Johnson, Richard</b>	Mar. 18	
July 12	<b>Just Thirty-Six Pounds</b>	May 7	
Apr. 25			
Oct. 24			
Jan. 6	<b>Karl, Paul</b>	Oct. 24	
	<b>Keding, Robert (0-4-0)</b>	Mar. 1	
	<b>KEEFE, KEVIN P.</b>		
	<b>Project 1225</b>	Oct. 10	
		Nov. 25	
July 10			
Dec. 18	<b>Kenmuir, Greg</b>		
	<b>KERR, J. R. "JACK"</b>		
	<b>BLS Secretary's Report</b>	Sept. 22	
		Jan. 5, 10, Aug. 11	
June 7			
May 16	<b>KETTLE MORAINE RAILWAY</b>		
	<b>Two-Spot to KMRy</b>	Oct. 27	
Sept. 10			
Feb. 4	<b>KIESEL, GEORGE F., JR.</b>		
Oct. 20			
June 8	<b>Daniel Coxe — Pioneer Live Steamer</b>	Aug. 4	
Apr. 17			
Jan. 16	<b>King and Queen of the Delta</b>	Jan. 6	
Aug. 8			
Nov. 19	<b>Part 1</b>	July 14	
	<b>Part 2</b>	Aug. 12	

Dec. 27

Jan. 9

Aug. 23, Sept. 21

KORN, GREG

Jenny

KOSTER, W. C.

Florida Fall Meet

Diesel

Krug, Rudy

KUBICEK, GAROLD B.

Boiler Circulation

Kurtz, Gary

LaCAYSE, CLARENCE

The Bigger Hudson

Larimer, Frank

LAUNCHES

Godfrey, William

Great Steamboat Race

Mr. Sweeney's Choice

Post, Dan

Powers, Barney

Susan Gail — Part 1

LAWSON, DOUG

Safety on the Prototype

Lawther, Robert

Lee, Bob

Let's Build A Caboose

Let's Build Another Caboose

Lettiere, Dick

Lind, Leon (1" tractor)

Litchfield, Bill

Little Tuesday Railroad

Litzen, George (4-6-2)

LIVE STEAM In Xerox and

Microform

LIVE STEAM Magazine Award

Third Annual

Live Steam Memorial

Loco and Car Handling Dolly

LOCOMOTIVE PLANS

NYC 4-6-4

SP 4-10-2

LONG ISLAND LIVE STEAMERS

Gold Spike Scheduled

Long Live The Delta Queen

Lowe, Linn

MAIN RODS

The Steam Locomotive

Malley, The

Maupin, J. ("Tich")

Maxfield, John

MAYNARD, ROBERT W.

Cinder Sniffers' New Year's

Day Run

Driving Boxes

"Evelyn"

Jenny

Just Thirty-Six Pounds

Let's Build Another Caboose

Photo

"Susan"

"Tich"

What Price Cost?

McALLISTER, RALPH H.

The Malley

McChesney, Ralph

McDonald, Jack

McDONNELL, S. LINDSAY

PNWLS June Meet

McKENTY, JACK D., M.D.

Doc's Day Off

PUNCHES—for the apprentices

McKeroy, Mac

Merrifield, Dave

MICHAELS, BILL

Obituary

MICROFORM

LIVE STEAM In Xerox and

Microform

Railway Mechanical Engineer

Magazines Needed

MID-SOUTH LIVE STEAMERS

Grand Opening

6th Annual Spring Meet

Triple-Header

Mike's Bike

Aug. 24

July 25

Dec. 26

Oct. 27

Sept. 20

Sept. 1

Dec. 10

MILLIGAN, OMAR Obituary	Aug. 24	Quick, Harry (Tractor)	Jan. 10
Milner, Bill	July 7		
<b>MILWAUKEE LIGHT ENGINEERING SOCIETY</b>			
Milwaukee Activity	Feb. 24	<b>RADLEY &amp; HUNTER STACKS</b>	May 14
MINNESOTA LIVE STEAMER ASSOCIATION		FACT FUNDamentals	
Changes Name	Oct. 27	RAILROADERS CLUB OF	
Summer Work Progress	Jan. 12	SAN ANTONIO	
Mooney, Jerry	Oct. 24	March Meet	
Mora, Doc	Mar. 19	Meet Report	
MULDOWNEY, JOHN		<b>RAILWAY MECHANICAL ENGINEER</b>	
Hernie Prevention Society	Mar. 21	Needed for Microfilm	
Photo	Jan. 10, Oct. 6	RANDALL, SEELEY A.	Dec. 26
MULDOWNEY, RONALD J.		Obituary	
Photo	Nov. 25	Redwood Valley's Number 4	Mar. 20
USRA Pacific	Oct. 6	Register and Reregister Now for BLS	May 12
MURPHY, HOWARD		Richards, Ralph (2-4-0)	Apr. 25
Cagneys and Ottaways	June 19	Richardson, Rick	Aug. 11
MYERS, LEO		RITENBURG, GILBERT	Nov. 23
Let's Build A Caboose	Mar. 4	NJLS Spring Meet	Nov. 25
Need Railway Mechanical Engineer Magazines	Dec. 26	Ritensburg, Robert	Nov. 25
New Club in Pennsylvania	Mar. 20	<b>RIVERBOATS</b>	
NEW JERSEY LIVE STEAMERS		Colliope, The	
Spring Meet	Nov. 25	King and Queen of the Delta	
New Riverboat for Greene Lines	May 4	Part 1	
New Year's Day Run	June 19	Part 2	
NEW YORK CENTRAL RAILROAD		New Riverboat for Greene Lines	
Super Hudsons	Feb. 12, Mar. 11, Apr. 14	Plans for Steamer Delta Queen	
Nicholson, Tom (0-4-0)		Part 1	
NIETER, TEMPLE	Nov. 25	Part 2	
Bigger Hudson, The	Feb. 1, 4	Part 3	
Photo	Feb. 4	Part 4	
NORTH EAST LIVE STEAMERS:		<b>ROCKFORD MEET</b>	
Another Club Listed	Jan. 19	Second Annual	
Monthly Meet	Oct. 23	Rockstroh, Fred	
Nuskey, Elmer	Jan. 6	<b>RODS</b>	
Operation 11	June 6	Back End of Rods	
OSANTOWSKI, EDWARD A.	Nov. 26	Main Rods	
Obituary		Side Rods	
PACIFIC NORTHWEST LIVE STEAMERS		Roehm, Chuck	
June Meet	Nov. 25	<b>SACRAMENTO VALLEY LIVE STEAMERS</b>	
Summer Picnic Meet	Aug. 24	Gold Spike Ceremony	Apr. 23, Oct. 23
PALATINE, LAKE ZURICH & WAUCONDA		Progress	Feb. 25
6th Anniversary Meet	Dec. 24	Safety on the Prototype	Apr. 13
Pan Shot Damaged	Jan. 19	Sandy Shoe Steam Meet	Apr. 24, Oct. 27
Parker, Stan	May 21	SARLIN, DAVID	
Parkinson, Ken	Dec. 23	Photo	
PASQUALETTI, ROY, JR.		Two-Wheel Steamer	
King and Queen of the Delta	July 14	Saville, Frank	
Part 1	Aug. 12	Scene at the Track (Cartoon)	
Part 2	Apr. 23	Schneider, Al	
PATTERSON POOL	Mar. 21	Schrader, Howard	
List Updated	Nov. 25	SCHWARK, LEON W.	
Peabody, Charles		Railroaders Club March Meet	
PENNSYLVANIA LIVE STEAMERS		Schwark, Ronald	
Elect New Officers	Aug. 24	Schwark, Thomas	
Phillips, Blair	Oct. 23	SCOTT, P. G. "SCOTTY"	
Phillips, Jan	Apr. 23	IMSE Summer Activity	
Pickard, Ed	Jan. 7	SECRETARY'S REPORT	
PILOTS		(See BROTHERHOOD OF LIVE STEAMERS)	
FACT FUNDamentals	Sept. 16	Seimears, Cliff (Diesel)	
Pioneer Live Steamer	Aug. 4	SESSUMS, JACK	
PIONEER VALLEY LIVE STEAMERS		Southern Pacific Type	
Always on Sunday	Nov. 23	Sharp, Schuyler	
20/40 Anniversary Meet	Jan. 4	SHATTOCK, KENNETH V.	
PISTONS		Vic Shattock and the GGLS	
The Steam Locomotive	Apr. 17	SHATTOCK, VICTOR T.	
Plan File	May 22	Photo	
Portland-Vancouver Club Formed	Apr. 24	Vic Shattock and the GGLS	
Post, Dan	July 23	SHAY LOCOMOTIVES	
Powers, Barney	July 23	Fascinating Unbalance	
Price, Buck	Feb. 9	Where Shays Were Born	
Primdahl, Mrs.	Dec. 24	<b>SHOP TALK</b>	
PROJECT 1225		Air - When There Is No Compressor	
Live Steamers Helped Support	Oct. 10	Boiler Circulation	
PUGET SOUND RAILWAY		Check Valve Seats	
HISTORICAL ASSN.		Copper Tube and Stuff	
Operation 11		Drilling Deep Holes	
PURINTON, CHARLES A. "CARL"	June 6	Drive Coupling	
BLS Appreciation Plaque	Jan. 5	Hand-Made Hand Cleaner	
Photo	Jan. 5, 10	Hernie Prevention Society	
		How Sharp? (See Feb. 1974)	
		Stake In The Grass	
		Tapping Blind Holes	
		Wheels	

<b>1 Stop Valves</b>		
h, Larry		
h, Richard (4-6-2)		
<b>KE STACKS</b>		
<b>ACT FUNDamentals</b>		
<b>TH COAST MODEL</b>		
<b>ENGINEERING SOCIETY</b>		
South Coast Progress		
<b>TH JERSEY LIVE STEAMERS</b>		
Boardwalk Flyer Returns		
Julica Hill Meet		
New Live Steam Club		
ew Officers		
report Progress		
<b>THWESTERN LIVE STEAMERS</b>		
change Fall Meet Date		
old 1st Annual Spring Meet		
leet at Blossom's Track		
Texas Live Steam Meet		
<b>THTERN MINNESOTA LIVE</b>		
<b>TEAM ASSN.</b>		
Changes Name		
Summer Work Progress		
ern Pacific 4-10-2		
ern Pacific Type		
es, J. B.		
<b>In The Grass</b>		
bridge, Jack		
<b>NDARDS</b>		
nterim Report of BLS Committee		
<b>ALS Adopts Axle Loadings</b>		
es, Harold (4-6-4)		
<b>an Engines By The Thousands</b>		
<b>AM INDICATOR</b>		
o Adjust Valve Gear		
Part 1		
Part 2		
<b>an Locomotive, The</b>		
see HARDING, J. W.)		
<b>an Yacht in the Space Age</b>		
usan Gail - Part 1		
mbot Delta Queen		
e, Kenneth (4-6-2)		
vn, Jim		
vn, Mike		
n, Donald		
np, Robert		
ART, J. R.		
apping Blind Holes		
ip, Mark		
ur Hudsons		
<b>AN GAIL</b>		
<b>team Yacht In The Space Age</b>		
Part 1		
khammer, Stan		
ENEY, JIM		
<b>Ir. Sweeney's Choice</b>		
MES, RICHARD W.		
cene at the Track		
Julian		
<b>PING</b>		
ind Holes		
LL, GORDON		
lorado Live Steamers Meet		
MAS, DIANE		
<b>An 1800# Toy</b>		
like's Bike		
MPSON, RON		
andiwallup Railroad		
MSEN, ERICH		
our Spot		
<b>Tedwood Valley's #4</b>		
e-Foot Gauge Porter		
OTSON, LEE		
<b>H&amp;D Donkey Engine</b>		
climax		
photo		
Velocity Squared		
M, HAROLD		
<b>A Timmer Trestle</b>		
ES		
<b>The Steam Locomotive</b>		
s, Bud		
<b>TRACTION</b>		
Kalamazoo Meet	Dec. 23	
Michigan Traction System Meet	Oct. 25	
<b>TRACTORS</b>		
An 1800# Toy	June 10	
Building A 4" Scale Case Traction		
Engine		
(See ANDRES, R. WILLIAM)		
Robert Anderson's Case		
<b>TRAILING TRUCK</b>		
Hodges	July 8	
TREADWAY, WILLIAM I.		
Hand-Made Hand Cleaner		
<b>TRESTLE</b>		
A Timmer Trestle	Nov. 13	
<b>TRI-STATE LOCOMOTIVE CLUB</b>		
Kalamazoo Meet	Dec. 23	
Traction Meet	Oct. 25	
<b>TRUMAN, ARTHUR</b>		
Obituary	July 24	
TUGGLE, BILL		
GGLS Fall Meet	Apr. 22	
GGLS Spring Meet	Nov. 24	
Turnbull, James	Jan. 1, 8	
Two-Wheel Steamer	Mar. 7	
<b>Union Pacific F-7</b>		
USRA Pacific	May 8	
Using A Steam Indicator to Adjust	Oct. 6	
Valve Gear		
Part 1	Mar. 8	
Part 2	June 4	
<b>VALVE GEAR</b>		
Using A Steam Indicator to Adjust	Mar. 8	
<b>VALVES</b>		
Small Stop Valves	July 7	
VanBrocklin, William, Jr.	Jan. 8, Oct. 23	
<b>VANCOUVER ISLAND ENGINEERS</b>		
VanLeer, Ed	Mar. 20	
	Dec. 23	
<b>VAUGHN, EARL</b>		
Little Tuesday Railroad	Sept. 8	
Photo	Sept. 9	
Vaughn, Tuesday	Sept. 8	
<b>VELOCITY</b>		
Times Velocity Squared	Oct. 9	
Vic Shattock and the GGGS	Dec. 6	
Volz, Mr. and Mrs. Herm	Apr. 22	
<b>WAGNER, DOUGLAS E.</b>		
Flat Car From A Kit	July 4	
Photo	Oct. 24	
<b>WATSON, KEITH</b>		
Australian Scene	Nov. 8	
Castledare Miniature Railway	Dec. 24	
Photo	Aug. 25, Nov. 9	
Weaver, Al	Nov. 24	
<b>Weed Control</b>		
Wellis, Perry	July 7	
Werner, George	June 19	
Werner, Pauline	Feb. 21	
	Jan. 10	
<b>WEST PENN LIVE STEAMERS</b>		
Organized	Apr. 24	
<b>WESTERN WASHINGTON LIVE STEAMERS</b>		
Meet Planned	July 24	
Schedule Fall Meet	Sept. 23	
<b>What Price Cost?</b>		
Wheels	Sept. 4	
Where Is It Now?	Aug. 25	
Where Shays Were Born	Sept. 23	
Whitmer, Bud	Apr. 7	
Williams, George	Aug. 1	
WINKLE, RICHARD M.	Jan. 4	
St. Croix Summer Progress	Jan. 12	
Wistein, Robert	May 21	
<b>WOERNER, LEONARD C.</b>		
Obituary	Jan. 19	
Wood, Wayne	Feb. 21	
Wright, Leigh	Dec. 23	
<b>XEROX</b>		
LIVE STEAM In Xerox and	July 25	
Microfilm		
Need Railway Mechanical Engineer		
Magazines	Dec. 26	
Nov. 13		
Yoder, Eddie	Sept. 21	
Yoder, Edison	Feb. 9, May 21	
June 19	July 23, Sept. 21	